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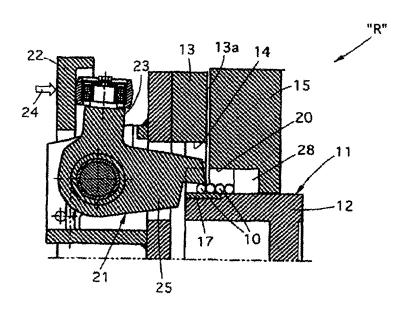
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(54) Title: COILING DEVICE AND METHOD FOR ROLLED OR DRAWN LONG PRODUCTS



(57) Abstract: Coiling device relative and method for a windable long, metal product (10). The device ("R") comprises a mandrel (12) having a substantially circular transverse section and rotating around a horizontal, vertical or inclined axis, and at least a guide and containing device (15, 16) which is driven between a first working position wherein it cooperates with the mandrel (12), and a second inactive position wherein it is arranged distant from the mandrel (12). The coiling device ("R") also comprises at least a clamping device (21) associated with the mandrel (12), which clamps at least temporarily an initial segment of the metal product (10).

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### INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B21C47/30 B21C B21C47/32 B21C47/32 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 B21C B65H Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category ° US 3 592 399 A (WOODROW HAROLD E) 1,2,4,6, Α 13 July 1971 (1971-07-13) 7,17,20 cited in the application column 2, line 63 - column 3, line 49 column 4, line 8 - line 20; figures PATENT ABSTRACTS OF JAPAN Α 1,2,4,6, vol. 012, no. 157 (M-696), 7,17,20 13 May 1988 (1988-05-13) & JP 62 275980 A (MIRAI IND CO LTD: others: 01), 30 November 1987 (1987-11-30) abstract EP 1 126 934 A (DANIELI OFF MECC) Α 1,8-10, 29 August 2001 (2001-08-29) cited in the application paragraph '0036! - paragraph '0037!; claim 7; figures -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 12 May 2005 24/05/2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Barrow, J

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